

NUCLEIC ACID COMPOSITIONS AND METHODS OF INTRODUCING NUCLEIC ACIDS INTO CELLS

Abstract of the Disclosure

The invention relates to a bifunctional nucleic acid which includes a first nucleic acid which comprises an aptamer bonded to a second nucleic acid that possesses a biological activity (herein referred to as a “biological effector sequence”) and which is not a nucleic acid ligand.

1. A bifunctional nucleic acid comprising:
a first nucleic acid comprising an aptamer;
a second nucleic acid comprising a biological effector sequence;
wherein the first nucleic acid is bonded to the second nucleic acid.